

beta Actin Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Fruit fly, Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant protein encompassing a sequence within the center region of human beta Actin.
Form	Liquid
Concentration	0.26 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7, with 20% glycerol, 1% BSA
Contains	0.025% ProClin 300
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2792434

Applications	Tested Dilution	Publications
Western Blot (WB)	1:5,000-1:20,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1,000	-
Immunocytochemistry (ICC/IF)	1:100-1:1,000	-
Immunoprecipitation (IP)	1:100-1:1,000	-

Product Specific Information

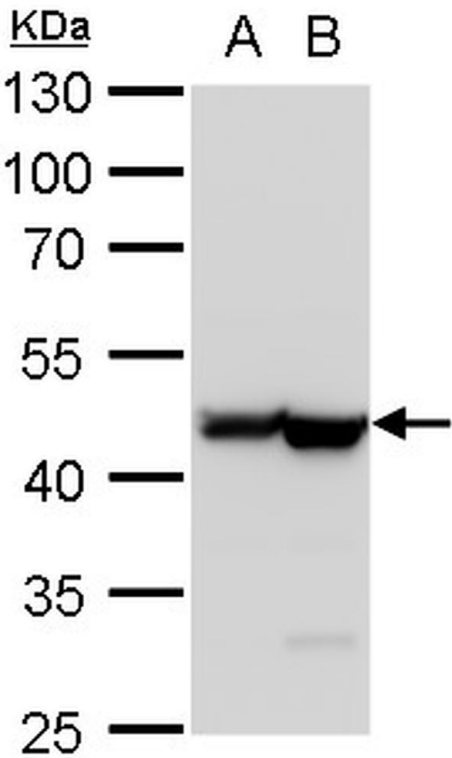
Keep as concentrated solution.

Predicted reactivity: Mouse (100%), Rat (100%), Japanese Medaka (98%), Xenopus laevis (99%), Dog (100%), Rabbit (99%), Chicken (100%), Sheep (100%), Rhesus Monkey (100%), Chimpanzee (100%), Bovine (100%), Guinea pig (100%).

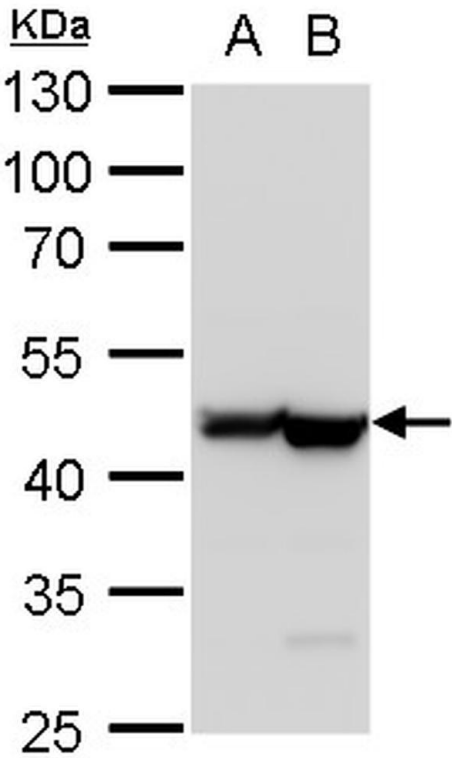
Positive Control: 293T, A431, HeLa, HepG2, Neuro2A, CD830, NIH-3T3, Raw264.7, C2C12, mouse liver, rat liver, PC-12, Rat2, drosophila.

Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

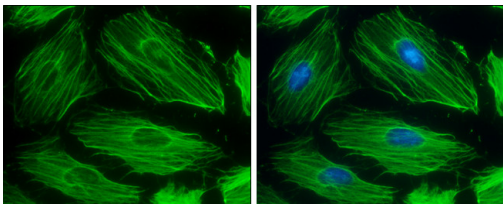
Product Images For beta Actin Polyclonal Antibody



beta Actin Antibody (PA5-85291) in WB
Western blot analysis of beta Actin in A) PC-12 whole cell lysate, B) rat2 whole cell lysate using beta Actin polyclonal antibody (Product # PA5-85291) using 30 µg of sample at a dilution of 1:20000. Sample was then incubated with HRP-conjugated anti-rabbit IgG secondary antibody. Prior to incubation with primary antibody, the sample was separated on 10% SDS-PAGE.



beta Actin Antibody (PA5-85291) in WB
beta Actin Polyclonal Antibody detects beta Actin protein by western blot analysis. A. 30 µg PC-12 whole cell lysate/extract. B. 30 µg Rat2 whole cell lysate/extract. 10% SDS-PAGE. Beta Actin Polyclonal Antibody (Product # PA5-85291) dilution: 1:20,000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



beta Actin Antibody (PA5-85291) in ICC/IF
beta Actin Polyclonal Antibody detects beta Actin protein at cytoskeleton by immunofluorescent analysis. Sample: HeLa cells were fixed in 0.5% Triton X-100 for 1 min, then ice-cold methanol for 5 min. Green: beta Actin protein stained by beta Actin Polyclonal Antibody (Product # PA5-85291) diluted at 1:500. Blue: Hoechst 33342 staining.

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